INTERNATIONAL SEARCH REPORT

International application No.

PCT/J=2004/016857

	·		2004/01003/
A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ H03H9/25			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) Int.Cl ⁷ H03H9/25			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922–1996 Toroku Jitsuyo Shinan Koho 1994–2004			
Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2004 Kokai Jitsuyo Shinan Koho 1971-2004 Jitsuyo Shinan Toroku Koho 1996-2004			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
A	JP 2002-100945 A (TDK Corp.) 05 April, 2002 (05.04.02), Claim 4; Fig. 1 (Family: none)		1-5
А	JP 2003-31711 A (Denki Kagaku Kogyo Kabushiki Kaisha), 31 January, 2003 (31.01.03), Claim 1; Figs. 1, 2 (Family: none)		1~5
A	JP 2001-230095 A (Denki Kaga Kabushiki Kaisha), 24 August, 2001 (24.08.01), Claim 1; Par. No. [0013]; Fig (Family: none)	·	1-5
Further documents are listed in the continuation of Box C. See patent family annex.			
Special categories of cited documents: 'A" document defining the general state of the art which is not considered to be of particular relevance 'E" earlier application or patent but published on or after the international		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be	
filing date L' document which may throw doubts on priority claim(s) or which is		considered novel or cannot be considered to involve an inventive step when the document is taken alone	
cited to establish the publication date of another citation or other special reason (as specified)		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is	
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		"&" document member of the same patent family	
Date of the actual completion of the international search 07 February, 2005 (07.02.05)		Date of mailing of the international search report 22 February, 2005 (22.02.05)	
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer	
ecsimile No.		Telephone No.	

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